

CLAIMS

What is claimed is:

1. A remote reboot method for use on a network system linked to at least one computer platform that is equipped with a special type of network chip and a special type of
5 I/O control chip, for providing a remote reboot function to the computer platform;
the remote reboot method comprising:
issuing a PME packet via the network system to the network chip on the computer platform;
in response to the PME packet, activating the network chip to issue a PME signal to
10 the I/O control chip;
in response to the PME signal, activating the I/O control chip to generate an SMI signal; and
judging whether the SMI signal generated by the SMI signal generating module is activated by PME signal; if yes, issuing a boot enable signal to the computer platform to
15 cause the computer platform to undergo a reboot procedure.
2. The remote reboot method of claim 1, wherein the network chip is an Ethernet-compliant network chip.
3. The remote reboot method of claim 1, wherein the I/O control chip is a Super I/O chip.
- 20 4. The remote reboot method of claim 1, wherein the network system is Internet.
5. The remote reboot method of claim 1, wherein the network system is a LAN system.

6. A remote reboot system for use with a network system linked to at least one computer platform that is equipped with a special type of network chip and a special type of I/O control chip, for providing a remote reboot function to the computer platform;

the remote reboot system comprising:

5 a PME packet issuing module, which is capable of issuing a PME packet via the network system to the network chip on the computer platform;

a PME packet handling module, which is installed in the network chip on the computer platform for receiving the PME packet from the PME packet issuing module, and which is capable of issuing a PME signal in response to the PME packet;

10 an SMI signal generating module, which is installed in the I/O control chip on the computer platform, and which is capable of generating an SMI signal in response to the PME signal from the PME packet handling module; and

an SMI signal judgment module, which is capable of judging whether the SMI signal generated by the SMI signal generating module is activated by PME signal; if yes,
15 the SMI signal judgment module issuing a boot enable signal to cause the computer platform to undergo a reboot procedure.

7. The remote reboot system of claim 6, wherein the network chip is an Ethernet-compliant network chip.

8. The remote reboot system of claim 6, wherein the I/O control chip is a Super I/O
20 chip.

9. The remote reboot system of claim 6, wherein the network system is Internet.

10. The remote reboot system of claim 6, wherein the network system is a LAN system.

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